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### A Key Update Based on Logistic Model in Cognitive Radio Networks

J Zhou, X Zhou, H Wu, L Sun - *icise*, 1999 - [computer.org](#)

... **Update key** is one of important **parts** in four phases of **key** management [19], and it is more difficult than traditional wireless networks because of dynamical selecting spectrum. ... Some cognitive nodes compose of trusted third party who **broadcast update key** information by all ...

Related articles - All 2 versions

### [CITATION] Trade-offs in routing private multicast traffic

L Gong, N Shacham - *IEEE Global Telecommunications Conference*, 1995. ..., 1995

Cited by 10 - Related articles - BL Direct - All 3 versions

### [CITATION] Policy-based security management for large dynamic groups: ...

PT Dinsmore, DM Balenson, M Heyman, PS Kraus, CD ... - ... Conference and Exposition ..., 2000

Cited by 37 - Related articles - All 7 versions

### [CITATION] A survey of security issues in multicast communications

MJ Moyer, JR Rao, P Rohatgi - *IEEE network*, 1999

Cited by 204 - Related articles - BL Direct - All 5 versions

### An integrated system for neural network simulations

S Garth, D Pike - *ACM SIGARCH Computer Architecture News*, 1988 - [portal.acm.org](#)

... multiply-sum-**update** operation is provided, including a prescale to adjust the learning rate, with a ... using the PC's tools but in the context of other NETSIMs performing other **parts** of the ... including bootstrap and a soft reset, independent of the state of the **broadcast key** register. ...

Cited by 3 - Related articles - All 4 versions

### Faster kinetic heaps and their use in **broadcast** scheduling

H Kaplan, RE Tarjan, K Tsoutsoulidis - *Proceedings of the twelfth ...*, 2001 - [portal.acm.org](#)

... structure in Section 6 as a max-heap, since this is what is required for **broadcast** scheduling ... balanced binary tree with the items in the external nodes in decreasing order by **key** coefficient ...

An **update** (either an insertion or a deletion) is done by following the path down through the ...

Cited by 12 - Related articles - All 8 versions

### [CITATION] The versakey framework: Versatile group **key** management

M Waldvogel, G Caronni, D Sun, N Weiler, B Plattner - *IEEE Journal on selected ...*, 1999

Cited by 290 - Related articles - BL Direct - All 29 versions

### An end-to-end communication architecture for collaborative virtual environments

S Shirmohammadi, ND Georganas - *Computer Networks*, 2001 - *Elsevier*

... A similar situation applies for CVEs: **key update** messages must be transmitted reliably because their ... Similarly, CVE **update** messages need a transport protocol that provides scalability, low latency ... of today's CVEs such as peer-to-peer, client-server, **broadcast**, UDP multicast ...

Cited by 63 - Related articles - All 7 versions

Finite Element Analysis of Cylindrical **Parts** at Forced Spinning [J]

Z Zhaciyao, L Yan, Z Xianming, X Kemin, ... - JOURNAL OF ..., 1994 - en.cnki.com.cn

... **Key Words** : fube-like **parts** power spinning ... 3, HUANG Liang,YANG He,ZHAN Mei(State **Key** Laboratory of Solidification Processing,School of Materials Science ... 4, CHEN Yi-ming-(1),ZHOU Yi-qing-(2) (1.Jiangmen **Broadcast**-Television University,Jiangmen Guangdong 529000 ...

Cited by 3 - Related articles - Cached

Distributing a B+-tree in a loosely coupled environment

G Matsliach, O Shmueli - Information Processing Letters, 1990 - Elsevier

... **UPDATE**: Updating an existing record ... 1. A local **broadcast** network. each internal conceptual node contains two additional keys, which are the minimum possible **key** value and a **key** larger than the maximum possible **key** value in the subtree rooted at the conceptual node, and ...

Cited by 9 - Related articles - All 4 versions

[PDF] **Key** management for secure multicast communications

R Poovendran - 1999 - Citeseer

... 71 5.1 **Key Update** Process in [14]. ... 74 5.2 Deletion of M 1 in Rooted-Tree of [10]. ... 76 5.3 **Key Update** After revocation of M 1 [10]. ... 77 5.4 **Key update** process using pseudo-random functions [13]. ... 78 x ...

Cited by 5 - Related articles - View as HTML - All 16 versions

[CITATION] Optical networking **update**

PE Green Jr - IEEE Journal on Selected Areas in Communications, 1996

Cited by 222 - Related articles - All 5 versions

Dynamic cryptographic context management (DCCM)

DM Balenson, P Dismore, M Heyman, PS Kruus, C ... - 2000 - csrc.dtic.mil

... the leaves, and the group **key** as the root of a logical tree, and **update** keys via ... If it is critical for the application to minimize the number of bits **broadcast**, the number ... High-level architecture The functionality of DCCM is provided through several **key** software components that can ...

Cited by 3 - Related articles - All 8 versions

[CITATION] An adaptive access method for **broadcast** data under an error- ...

SC Lo, ALP Chen - IEEE Transactions on Knowledge and Data ..., 2000

Cited by 34 - Related articles - BL Direct - All 6 versions

[PDF] ... FILE TREE MACHINE: EFFICIENT MULTI-KEY RETRIEVAL FOR VLSI

HP Kriegel, R Manns, M Overmars - Foundations of data organization, 1985 - cs.uu.nl

... The following method for **update**:" operations is based on Song's space allocation scheme [Son Bl] which ... the results of operations are computed, bottom-up physical deletion requests are **broadcast** from the ... tree to the roots of the record trees using the location as a primary **key**. ...

Related articles - All 5 versions

[PDF] Extending the DII COE for Real-Time

LCLMJ Robillard, HR Callison, J Maurer - DII COE, 1999 - Citeseer

... Commands Weapon Status Tactical C2: • Situation awareness • High frequency track **update** • Real-time ex ... Four of CORBA's **key** objectives are support for location independence, operating system ... It extends the CORBA standard with reli- able and unreliable **broadcast** and multi ...

Cited by 1 - Related articles - View as HTML - All 2 versions

[PDF] Public-**Key** Cryptosystems Ronald L. Rivest, Adi Shamir, and Leonard M. ...

EW Burrows - Communications of the ACM, 1976 - Citeseer

... not the point) Eg Anna kour'va virus, Nigerian email scam, MS **update** scam ... Hybrids offer best of both worlds (eg SSL) **Broadcast** encryption channels Public **key** channel is **broadcast** channel: you can send a message without knowing who will receive it ...

[View as HTML](#) - All 6 versions

### [CITATION] Design of a **broadcast** packet switching network

JS Turner - IEEE transactions on communications, 1988

Cited by 286 - Related articles - All 5 versions

### Weaknesses in the **key** scheduling algorithm of RC4

S Fluhrer, I Mantin, A Shamir - Selected Areas in Cryptography, 2001 - Springer

... However, this distinguisher could only be used to mount a partial attack on RC4 in **broadcast** applications ... Although these corrupted entries might interfere with **j** updates, the pseudo-random **j** might reach them before they are used to **update j** (ie, before ... 4 **Key-Output Correlation** ...

Cited by 785 - Related articles - BL Direct - All 135 versions

### LOCCS: Low overhead communication and computation subroutines

F Desprez, B Tourancheau - Future Generation Computer Systems, 1994 - Elsevier

... **Key** words: Communication library; Overlap; Pipeline; Global communications I~ Inl reduction The most natural way of programming ... 5 gives the classical **broadcast**-cube algorithm on an hypercube. ... for  $k:O$  to  $n_i \sim \cdot, l \sim \cdot$  c-h: **root**(#) Determine pivot row **Update** permutation vector ...

Cited by 30 - Related articles - All 5 versions

### [PDF] A Combination of Scalable Caching Methods for a Weakly Coherent Shared ...

K Zamanifar, JM Nash, PM Dew - ... OF COMPUTER STUDIES LU SCS RR, 1996 - Citeseer

... As with the barrier scheme, when a variable is initially read from or write in the shared memory, the state tag is set to 2, and write references **update** the shared memory through the cache. According to the 4 Page 6. ... Step 3 (**broadcast key**) One process computes a ... into equal **parts**. ...

Related articles - View as HTML - BL Direct - All 6 versions

### [CITATION] Control and supervision of a digital **broadcast** network

M Kneip, M Friederes, A Kuresevic, P Siebert, SE des ... - ... international (Conf. Publ. ... , 1996

Cited by 2 - Related articles - BL Direct - All 2 versions

### [PDF] Exploiting versions for handling updates in **broadcast** disks

E Pitoura, PK Chrysanthis - ... Conference on Very Large Data Bases, 1999 - charon.cs.uoi.gr

... access data by specifying the value of one attribute of the record, the search **key**. ... on various parameters, such as the allowable bandwidth, feedback from clients, or **update** rate at ... Whereas,  $\kappa$  (the number of older versions **broadcast**) in the multiversion **broadcast**, is a property of ...

Cited by 88 - Related articles - BL Direct - All 8 versions

### The datacycle architecture for very high throughput database systems

G Herman, KC Lee, A Weinrib - ACM SIGMOD Record, 1987 - portal.acm.org

... Use of the repetitive **broadcast** of the database to decentralize control detection and synchronization the aCtiOnS of the many access managers is a **key** feature of architecture The architecture should exhibit excellent **update** throughput when compared with ...

Cited by 168 - Related articles - All 3 versions

### [PDF] Analysis and Design of Robust **Key** Schemes for Multicast Communications

R Poovendran, JS Baras - 1999 - isr.umd.edu

... of one of the members, there has to be a mechanism to securely **update** the SK ... is one approach to achieve this goal, a common shared **key** called the **Key** Encrypting **Key** (KEK) can ... a single KEK, each member is given a variable number of KEKs for **broadcast** efficiency while ...

Related articles - All 6 versions

### Scalable multicast security with dynamic recipient groups

R Molva, A Pannetrat - ... on Information and System Security (TISSEC ... , 2000 - portal.acm.org

... nents share the security processing load with the source and ensure the containment of security

exposures at various **parts** of the ... This simple scenario illustrates both scalability failures: the departure of one member affects the entire group through the **key update** procedure and ...  
[Cited by 81](#) - [Related articles](#) - [All 15 versions](#)

### [BOOK] De-interlacing: A **key** technology for scan rate conversion

EB Bellers, G De Haan - 2000 - [books.google.com](#)

... Therefore, de-interlacing remains a **key** technology for future image quality ... video, it is unlikely that we can silence all discussions on interlace or progressive video **broadcast**. ... In the picture caused by the cycle frequency of the mains power3, the picture-**update** frequency was set ...

[Cited by 62](#) - [Related articles](#) - [BL Direct](#) - [All 2 versions](#)

### A hybrid index technique for power efficient data **broadcast**

Q Hu, WC Lee, DL Lee - Distributed and Parallel Databases, 2001 - Springer

... The whole index tree is divided into two **parts**: replicated and non-replicated **parts**. ... The first node of each distributed index tree contains a tuple, with the first field as the primary **key** of the record that was **broadcast** last and the second field as the offset to the beginning of the ...

[Cited by 71](#) - [Related articles](#) - [BL Direct](#) - [All 7 versions](#)

### An Infrastructure for Real-Time Interactive Distance E-Learning Environment

J Yu - icise, 1999 - computer.org

... server and VNC client to implement the common real-time interactive e-learning functions such as the electron blackboard simulation, the **broadcast**, and the ... (2) Get server response: The server responds to this message by sending an **update** message of ... (3) **Key** event sending ...

[Related articles](#) - [All 2 versions](#)

### Broadcast anti-jamming systems

Y Desmedt, R Safavi-Naini, H Wang, L Batten, C ... - Computer Networks, 2001 - Elsevier

... rest of the group, one possible solution is to give the transmitter's frequency list and frequency **update** table, to ... and prove that anti-jamming systems with multiple transmitters are equivalent to the **Key** Distribution Patterns ... [18] studied AJS in the context of **broadcast** authentication ...

[Cited by 22](#) - [Related articles](#) - [All 11 versions](#)

### MIXes in mobile communication systems: Location management with privacy

H Federrath, A Jernchow, A Pfitzmann - Information Hiding, 1996 - Springer

... responsible MSC **broadcast** in the location area message incoming HLR ... In asymmetric (public **key**) cryptosystems we assume an indeterministic cryptosystem, ie equal plaintext blocks are encrypted to different ciphertext blocks! ... 5.2 Location Registration and Location **Update** ...

[Cited by 58](#) - [Related articles](#) - [BL Direct](#) - [All 25 versions](#)

### [PDF] Concurrency and Linear Hashing

NY Rochester - 1985 - [urresearch.rochester.edu](#)

... Therefore the complete release of locks between the single **key update** (ie, AddRecord, RemoveRecord) and ... would involve requiring each operation that changes the data structure to **update** shared utilization ... serve as managers for the pieces they contain or some **parts** of the ...

[Related articles](#) - [View as HTML](#) - [All 2 versions](#)

### [CITATION] Rudolf Munz Technische Universitat Berlin Fachbereich Informatik

DD BASES, S REALIZATION, R OF - Distributed data bases: ..., 1980 - North-Holland

[Related articles](#)

### [PDF] Using history information to process delayed database updates,"

SK Sann, CW Kautman, JE Somers - Proc. 12th Int. Conf. on Very Large ..., 1986 - Citeseer

... The **update parts** of transactions are designed to preserve the invariants, but integrity constraints may be ... that we are exploring, including more efficient processing of specialized **update** operations (such as ... Section 5 concludes by summarizing the **key** features of the algorithm. ...

[Cited by 25](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

**[PDF] Command and control simulation interface language (CCSIL): status update**

M Salisbury - MITRE Informal Report, Twelfth Workshop on ..., 1995 - Citeseer

... The Method of Control format is used to specify the timing considerations for starting a phase or CCSIL mission within an operation order. The format has two main **parts**: (1) control type **key-word**; and (2) the parameters for that particular control type. ... **CCSIL Status Update ...**

[Cited by 28](#) - [Related articles](#) - [View as HTML](#) - [All 4 versions](#)

**[CITATION] 8.3 AN INTEGRATED SYSTEM FOR NEURAL NETWORK ...**

S Garth, D Pike - VLSI for artificial intelligence, 1989 - Kluwer Academic Pub

[Related articles](#)

**Implementing sequentially consistent shared objects using **broadcast** and point-to- ...**

A Fekete, MF Kaashoek, N Lynch - Journal of the ACM (JACM), 1998 - portal.acm.org

... operation accesses a single copy of the object, while each **update** accesses all ... The lower layer uses the given **broadcast** and point-to-point communication services ... and Verifying and Reasoning about Programs General Terms: Algorithms, Verification Additional **Key Words** and ...

[Cited by 46](#) - [Related articles](#) - [BL Direct](#) - [All 23 versions](#)

**An alternative approach to distributed database updating**

RJ Greene - Proceedings of the May 4-7, 1981, national computer ..., 1981 - portal.acm.org

... Two tables, the control and **update** tables, provide **key** in-formation needed by the algorithm to perform the two major functions ... **BROADCAST** ... To represent this, the **update** table consists of two **parts**, a sublist and a modification sublist, which pass with the control token to a DBMS ...

[Cited by 1](#) - [Related articles](#) - [All 3 versions](#)

**[PDF] ... related problems: From semi-passive replication to totally ordered **broadcast****

X Défago - 2000 - Citeseer

... 104 6.2 Messages complexity of total order **broadcast** algorithms under high load ... The **key** problem in the implementation of active replication lies in the ability to impose a total order on request ...

This technique requires to (1) select a primary, and (2) **update** the backups properly ...

[Cited by 46](#) - [Related articles](#) - [View as HTML](#) - [All 15 versions](#)

**Broadcast Strategies to Maintain Cached Data for Mobile Computing System<sup>1</sup>**

K Lam, E Chan, JCH Yuen - Advances in database technologies ..., 1999 - books.google.com

... A **key** element in many of these mobile computing systems is the need to distributed real-time ... validity of the data items is explicitly defined by their avi and their last **update** time-stamps. ... it is not possible to refresh their validity them in the client cache under the **broadcast** approach ...

[Cited by 4](#) - [Related articles](#) - [BL Direct](#) - [All 8 versions](#)

**[CITATION] Telesoftware: Home Computing Via **Broadcast** Teletext**

J Hedger, I Television, STV Center - IEEE Transactions on Consumer Electronics, 1979

[Cited by 8](#) - [Related articles](#)

**[PDF] Fisheye state routing: A routing scheme for ad hoc wireless networks**

G Pei, M Gerla, TW Chen - IEEE International Conference on ..., 2000 - Citeseer

... The data packet is **broadcast** to the nodes in the direction of the des-tination using only location ... The **key** difference is the way in which routing information is disseminated ... are updated according to the time stamp or sequence number assigned by the node originating the **update**. ...

[Cited by 332](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 20 versions](#)

**[PDF] A decentralized architecture for group **key** management**

S Rifaath - Computing Department, Lancaster University, 2000 - Citeseer

... Now, when the sender wants to **broadcast** a message to the group, it chooses a randomly secret

**key** (Y ... This way, every remaining member can **update** their old KEKs without gaining further knowledge about the KEKs other ... CHAPTER 3. GROUP KEY DISTRIBUTION SURVEY ...  
Cited by 19 - Related articles - View as HTML - All 6 versions

**[PDF]** Compiler-Directed Selective **Update** Mechanisms for Software Distributed ...  
S Dwarkadas, A Cox, H Lu, W Zwaenepoel - 1995 - Citeseer  
... doesn't require a **broadcast**, only the synchronizing processors communicate. ... to the size of the **key** range, since an array of size ... 12 Page 13. Application Protocol Messages KBytes IS Sel-**Update** 1306 2661 Hybrid 2106 10884 Invalidate 2139 2633 Msg-based 588 2293 ...  
Cited by 2 - Related articles - View as HTML - All 3 versions

## Mobile IP

GJ Heijenk - 1999 - eprints.eemcs.utwente.nl  
... Mobile Host • Gratuitous ARP: The Home Agent or Mobile Host **Broadcast** a not requested ARP after a change has ... host → new FA) • binding **update** (new FA → old FA) ... mobile host and foreign agent need to exchange registration **key** for authentication ...  
Related articles - View as HTML - All 6 versions

## EMPACT™: a distributed database application

A Norman, M Anderton - Proceedings of the May 16-19, 1983, ..., 1983 - portal.acm.org  
... asynchronously by SUSMON. All **update** and insert activity involving the sus- pense file is covered by TMF. Data Ownership and **Key** Ranges As with the **broadcast** method, TMF guarantees the consistency of the database. However, with ...  
Cited by 10 - Related articles - All 11 versions

## **[PDF]** Probabilistic methods in multicast **key** management

AA Seiguk, D Sidhu - Lecture notes in computer science, 2000 - cs.bilkent.edu.tr  
... The rekey operations caused by a periodic **key update** or a joining member can be realized by a single fixed-size multicast message using a one-way function [13]. ... Staddon. Combinatorial bounds for **broadcast** encryption. ... **Key** establishment in large dynamic groups  
Cited by 4 - Related articles - View as HTML - BL Direct - All 4 versions

## **[CITATION]** Automating the digital **broadcast** process: control, complexity and cost

M Meechan - Electronics & Communication Engineering Journal, 2001  
BL Direct - All 4 versions

## **[PDF]** An automatic logfile analyzer for parallel programs

S Qiao, H Zhang - Proceedings of the International Conference on ..., 1999 - Citeseer  
... The collective communication functions include **broadcast**, reduce, scatter and gather. ... list; otherwise put the input event paired with a null event into the pending list and **update** the state ... pre-log stage, put the event into the request table, using the event sequential ID as the **key**. ...  
Cited by 5 - Related articles - View as HTML - All 6 versions

## **[CITATION]** Using distributed topology **update** and preplanned configurations ...

BA Coan, WE Leland, MP Vecchi, A Weinrib, LT Wu, M ... - IEEE Transactions on ..., 1991  
Cited by 59 - Related articles - All 4 versions

## A SCALABLE DESIGN FOR DICTIONARY MACHINES1

T Duboux, A Ferreira, M Gastaldo - Algorithms and parallel VLSI ..., 1995 - books.google.com  
... Also, communications in T are very simple, which is not the case in the **broadcast** of the instructions from T to ... As seen before, from the **key** distribution among the P's is not known beforehand. ... n;- Else 1^k t—Ifop Swap (lt, At (t)) between Pt and T} (c) If At (<-l)^ Koid **Update**, if necessary ...  
Cited by 5 - Related articles

**[CITATION]** Efficient process migration in the EMPS multiprocessor system  
G.J.W. Van Dijk, M.J. Van Gils - Parallel Processing Symposium, 1992. Proceedings., ..., 1992  
Cited by 9 - Related articles - All 3 versions

**[PDF]** Location management strategies increasing privacy in mobile ...  
D. Kesdogan, H. Federath, A. Jerichow, A. ... - 12th International ..., 1996 - Citeseer  
... MSCnew ¶ Figure 1 Example of a location **update** in GSM-network according to [MoPa\_92] ... Another difference to GSM is the necessary bandwidth on the **broadcast** channel for signaling. By using public **key** cryptography, one paging message is approximately 500 bit long. ...  
Cited by 28 - Related articles - View as HTML - All 23 versions

The Jupiter audio/video architecture: secure multimedia in network places  
P. Curtis, M. Dixon, R. Frederick, D.A. ... - Proceedings of the third ..., 1995 - portal.acm.org  
... or Microphone widget is turned on by the user, its associated transmitter is added to the **broadcast** set for its ... The **key** manager's use\_broadcast\_address() and use\_transmitter\_address() notifications are simply passed through to the user's client, to **update** the addresses ...  
Cited by 35 - Related articles - All 21 versions

**[PDF]** On a Recent Problem of Communication-Storage Tradeoffs for Secure ...  
R. Poovendran, J.S. Baras - 1999 - 129.2.17.93  
... failure of one of the members, there has to be a mechanism to securely **update** the SK ... keys is one approach to achieve this goal, a specific **key** called the **Key** Encrypting **Key** KEK can ... member is given a set of KEKs that are shared with different members for **broadcast** efficiency. ...  
View as HTML - All 6 versions

**[CITATION]** Power conservative multi-attribute queries on data **broadcast**  
Q. Hu, W.C. Lee, D.L. Lee, ACS Inc, CA Berkeley - Data Engineering, 2000 ..., 2000  
Cited by 62 - Related articles - BL Direct - All 26 versions

Research in data **broadcast** and dissemination  
D. Aksoy, M. Altinel, R. Bose, U. Celintemel, M. ... - Advanced Multimedia ..., 1998 - Springer  
... by an event such as a user action (for pull) or data **update** (for push ... 1), ensuring that **broadcast** scheduling will not become a bottleneck regardless of the **broadcast** bandwidth, database ... User profiles, which encode the data needs and interests of users, are **key** components of ...  
Cited by 58 - Related articles - BL Direct - All 21 versions

**[CITATION]** Broadcast in fast networks  
A. Gopal, I. Gopal, S. Kutten - IEEE INFOCOM'90. Ninth Annual Joint Conference of ..., 1990  
Cited by 12 - Related articles - All 3 versions

Cosmos: A system for supporting engineering negotiation  
W. Mark, J. Dukes-Schlossberg - Concurrent Engineering, 1994 - cer.sagepub.com  
Page 1. http://cer.sagepub.com Concurrent Engineering DOI: 10.1177/1063293X9400200304 1994; 2; 173 Concurrent Engineering William Mark and Jon Dukes-Schlossberg Cosmos: A System for Supporting Engineering Negotiation ...  
Cited by 21 - Related articles - All 8 versions

Direct **broadcast** satellite-radio, receiver development  
A. Vainsys, D. Bell, J. Gavargiz, N. Golshan - Irs-new jpl.nasa.gov  
... a prototype receiver that is compatible with reception of digital audio programs **broadcast** via satellites. ... be made during the current simulation effort, while a few of the **key** design options ... for obtaining the outputs of the loop filters, numerically controlled oscillator, **update** filter, and ...  
View as HTML - All 4 versions

Formal specification and compositional verification of an atomic **broadcast** protocol

P Zhou, J Hooman - Real-Time Systems, 1995 - Springer

... To achieve high availability of a service despite failures, a **key** idea is to implement the service by a ... In this section, we characterize  $S(p)$ , ie, the atomic **broadcast** server process running on  $p$ . Notice that ... When  $p$  initiates an **update** (7 at clock time  $T$ , it will send message  $\langle T, p \rangle$ , (7 ...

Cited by 18 - Related articles - BL Direct - All 7 versions

**[CITATION] Spacecraft Technology for Broadcasting Satellites--An Update**

H Cohen, SA Matra, F Toulouse - IEEE Journal on Selected Areas in ..., 1985

Cited by 3 - Related articles - All 3 versions

... and reconfiguration management of multiwavelength multihop **broadcast** ...

JFP Labourdette - Computer Networks and ISDN Systems, 1998 - Elsevier

... Re-arrangeability is emerging as a **key** feature of today's telecommunications networks – in particular lightwave ... The network architecture, composed of a **broadcast** optical medium, of user stations, and of ... from station  $i$  to station  $j$ . The network divides into two **parts**: the "access ...

Cited by 24 - Related articles - All 4 versions

**Shared virtual memory with automatic **update** support**

L Ifode, M Blumrich, C Dubnicki, DL ... - Proceedings of the ..., 1999 - portal.acm.org

... The custom network interface is the **key** system component of the SHRIMP system: it connects ... can AU-map a local address to only one remote buffer, AU-**broadcast** is not ... First, we evaluate the impact of using automatic **update** support simply to accelerate the communication in ...

Cited by 14 - Related articles - All 10 versions

**[CITATION] Broadcast normalization in systolic design**

F Lin, IC Wu - IEEE Transactions on Computers, 1988

Cited by 8 - Related articles - All 8 versions

**[CITATION] CEDAR: a core-extraction distributed ad hoc routing algorithm**

R Sivakumar, P Sinha, V Bharghavan - IEEE Journal on Selected Areas in ..., 1999

Cited by 792 - Related articles - BL Direct - All 26 versions

Subcube matrix decomposition: A unifying view for LU factorization on ...

M Angelacchio, M Cotajanni - Parallel Computing, 1994 - Elsevier

... **Key** words: LU factorization; Multicomputers; Program derivation scheme; Sendahead strategy; Subcube Matrix ... 2) in the compute and sendahead version, vice versa, the **broadcast** is carried out ... without augmenting node operations implies the split of the **update** stage in three ...

Cited by 13 - Related articles - All 4 versions

**Statecharts: A visual formalism for complex systems**

D Harel - Science of computer programming, 1987 - Elsevier

... In a nutshell, one can say: statecharts = state-diagrams + depth + orthogonality + **broadcast**-communication. ... the latter in the form of one extra level of states within the three **update** states (cf. ... allow the user to select an option to be updated by pressing the appropriate **key** and then ...

Cited by 5736 - Related articles - All 62 versions

**[CITATION] Techniques for **update** handling in the enhanced client-server DBMS**

A Delis, N Roussopoulos - IEEE Transactions on Knowledge and Data ..., 1998

Cited by 14 - Related articles - BL Direct - All 9 versions

**[PDF] An overview of the andrew file system**

JH Howard... - Proceedings of the USENIX Winter Technical ..., 1986 - Citeseer

... have many other requirements (such as record- or field-granularity authorization, physical disk



write ordering controls, and **update** serialization) which ... The third and last **key** design decision in the Andrew File System was to implement it with many relatively ... to **broadcast** global ...

[Cited by 223](#) - [Related articles](#) - [View as HTML](#) - All 15 versions

### [PDF] Video processing for multimedia systems

G de Haan, ... - SYMPOSIUM ON INFORMATION THEORY IN THE ... 2000 - [ics.ele.tue.nl](#)

... In conclusion, video format conversion (VFC) has become a **key** technology for multimedia systems. ... 2A<sub>n</sub> exception occurs when  $l_m$  material is **broadcast**. As the odd and even lines transmit- ... lation of an **update** in a pel-recursive estimator even when this calculation has ...

[Cited by 95](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - All 3 versions

### Large Scale Multi-User Virtual Worlds

G Singh, TK Das - Advanced IT tools: IFIP World Conference on ... 1996 - [books.google.com](#)

... One of the most common hurdles is to find the **key** that opens the door so that other **parts** of ... Until an **update** is received, the new position of a remote (or a network-based) object is extrapolated from ... Both SIMNET and DIS use **broadcast** for communication among virtual worlds. ...

[Cited by 1](#) - [Related articles](#)

### [PDF] From broadcast television to Internet audio/video: techniques and tools for ...

DB Makofske, KC Almeroth - Software-Practice and Experience, 2001 - [Citeseer](#)

... While the services offered by companies like TiVo and ReplayTV exist for **broadcast** television, we ... The 'Timer thread' provides callbacks to the main program every second to **update** the pointer location ... The **key** functionality of MControl is to control the flow of frames as they arrive ...

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### Model-Checking a Secure Group Communication Protocol: A Case Study

AJ Hu, Li Rui, Shi Xizheng, S ... - Formal Methods for ... 1999 - [books.google.com](#)

... a more recent program.) Note that the rekeying means that every user must **update** at least ... switches to an incorrect **key** based on decrypting the new **key** with the wrong old **key**. ... Another approach would be to implement a scheme to provide order-preserving **broadcast** on top of ...

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### [PDF] A Greedy Approach For Improving Update Processing in Intermittently ...

S Navathe, M Ammar, J Donahoo, S Malik - 1999 - [Citeseer](#)

... managed instead. For example, given two clients that subscribe to the same **parts** of the server database, such as northern sales data, the server can just maintain one **update** file for both of them, ... data may be **broadcast**, then iterated at the client. ...

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### [PDF] Scalable processing of read-only transactions in broadcast push

P Chrysanthos, E Pitoura - Proceedings of the 19th IEEE ... 1999 - [charon.cs.uoi.gr](#)

... depending on various parameters, such as the allowable bandwidth, feedback from clients, or **update** rate at ... Let  $v$  be the size of the version number,  $k$  the size of the **key**,  $d$  the ... is that of the invalidation-only method plus the additional space needed to **broadcast** version numbers. ...

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### [CITATION] Interworking and interoperability issues for North American PCS

VK Carg, JE Wilkes - IEEE Communications magazine, 1996

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### [PDF] Efficient topology update on high speed wide area networks

MD Siebler - 1995 - [dSPACE.mit.edu](#)

... If an edge's load has changed by that amount since its last **update**, the edge must **broadcast** its actual load ... The first is that since an edge will trigger an **update** if its load varies past the threshold, the error of the ... The **key** to this proof is that the link costs are a lower bound of the ...

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### [CITATION] Mobile IP and wide area wireless data

TF La Porta, L Salgarelli, GT Foster - 1999 IEEE Wireless Communications and ... - 1999

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### A wireless public access infrastructure for supporting mobile context-aware IPv6....

A Friday, M Wu, S Schmid, J Finney, K ... - Proceedings of the ..., 2001 - portal.acm.org

... The **broadcast** protocol is one of the **key** mechanisms for promoting the scalability of GUIDE ... each user successfully authenticates, a copy of the valid token and session **key** is distributed to the access router that forwarded the client's authentication request to **update** the ACL. ...

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### Hiding in Plain Sight: Exploiting **Broadcast** for Practical Host Anonymity

CA Shue, M Gupta - hicc.s. 1999 - computer.org

... we must also consider scenarios where some hosts do not apply the **update**. ... Chaum [5] generalizes this approach to multiple parties and describes how it can be realized in **key** exchanges. He further discusses how a net- work ring topology enables such **broadcast** mes- ...

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### [PDF] From **Broadcast** Television to Internet Audio/Video

DB Makofske, KC Almeroth - 1999 - imj.ucsb.edu

... While the services offered by companies like TiVo and ReplayTV exist for **broadcast** television, we ... The "Timer thread" provides callbacks to the main program every second to **update** the pointer ... The **key** functionality of MControlis to control the flow of frames as they arrive at the ...

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### Adaptive Data **Broadcast** Strategy for Transactions with Multiple Data Requests in ...

JCH Yuen, E Chan, K Lam - rlc.s.a. 1999 - computer.org

... is now quite similar to a cache replacement problem with hit-ratio as the **key** performance metric ... is that of Xuan et al [20] in which the scheduling of data for **broadcast** is based ... The information maintained in the server is "refreshed" by **update** transactions which capture the most ...

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### [PDF] VENUS: A New Architecture For Scalable Virtual Environments

S Udani, J Smith, GD Kessler - 2000 - Citeseer

... Some of the **key** questions we wanted to answer in our experiments included the limits on numerical scalability (ie global object count), global **update** rate (frame rate for the **broadcast**), bottlenecks on the server on the receive as well as the **broadcast** side, the ...

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### [CITATION] A component-and message-based architectural style for GUI software

N Richard, KM Nenad. ... - 1996 - IEEE Computer Society

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### Integrating coherency and recoverability in distributed systems

MJ Feeley, JS Chase, VR Narasayya, HM ... - First Symposium on ..., 1994 - usenix.org

... 92] (TreadMarks) The **key** to log-based coherency is that the redo log and entry consistency ... The nization is necessary because updates are **broadcast** node number of the lock manager is ... Composite and atomic part objects are each **update** traversals under our prototype. ...

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### [PDF] Efficient filtering of XML documents for selective dissemination of information

M Altinel, MJ Franklin - ... of the 26th International Conference on ..., 2000 - seas.upenn.edu

... Increasing volume of data available in electronic format forces the designers of ID systems to

**broadcast** their data in a selective manner. ... Page 4. Introduction **Key** challenge in SDI is to efficiently and quickly search the ... node of the query from WL to CL and **update** ...

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Programming NCUBES\* with a Graphical Parallel Programming Environment ...

K Gates, D Socha, WASHINGTON UNIV ... - ... 1987: proceedings of ... 1987 - [books.google.com](#)

... The **key** question is whether such a high-level language can provide this programming support while not ... every other process in its column, and that each process on the diagonal be able to **broadcast** across its ... 1 do (**update** row) for  $j \leftarrow i$  to  $\min(n, i + ft)$  do (**update** column) for ...

[Cited by 4](#) - [Related articles](#) - [All 5 versions](#)

[PDF] Location **update** and routing scheme for a mobile computing environment

A Ha ct., Y Huang - Int. J. Network Mgmt, 2000 - [eng.auburn.edu](#)

... However, if no cache entry exists for the mobile host, the MSR sends a **broadcast** message to the other MSRs asking for the mobile host's current location. The MSR caches ... This cost includes two **parts**: the **update** cost and routing cost. ...

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[PDF] Multimodal Approach to the News Video Indexing and Summarization

JG Kim, HS Chang, Y Kim, M Kim, K Kang, J Kim - Proc. IWAIT, 2001 - [register.itfind.or.kr](#)

... In this paper, we propose a novel method for automatic summarization of TV **broadcast** news videos ... Therefore, in order to use CC data as **key** sources to be processed in our summarization ... Then, in the next step of speech recognition, we **update** the time code attached to CC ...

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[CITATION] Managing the digital multiplex in the **broadcast** environment

NM Theodor, D Nottingham, NDS Ltd - Broadcasting Convention, 1997, International, 1997

[BL Direct](#) - [All 3 versions](#)

A scalable approach for broadcasting data in a wireless network

A Celik, A Datta - Proceedings of the 4th ACM International ..., 2001 - [portal.acm.org](#)

... than grouping the updates together (avoid multiple context switches, etc), therefore, we choose method (2). To **update** the memory ... Point in a wireless **broadcast** environment. We have identified the SubScribe protocol to be representative of the Group **Key**, the Session **Key** and ...

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[PDF] Randomized Routing and Sorting on the Reconfigurable Mesh

S Rajasekaran, T McKendall - Technical Reports (CIS), 1992 - [repository.upenn.edu](#)

... sum of the first numbers to the whole array, so that the processors in the second part can **update** their sums. ... similar to the algorithm in section 3.2), so that each block will have a copy of all the sample keys of S. (Realize that it takes  $O(1)$  time to **broadcast** a single **key** to the ...

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Object organization on a single **broadcast** channel in the mobile computing ...

YC Chehadah, AR Hurson, M Kavehrad - Multimedia Tools and ..., 1999 - Springer

... cation in which, regardless of the location, the user is required to retrieve, **update**, and process ... A **key** feature is that the individual databases retain their autonomy, in order to serve their exist ... of times an object should be replicated, (ii) The region(s) within the **broadcast** where an ...

[Cited by 37](#) - [Related articles](#) - [BL Direct](#) - [All 7 versions](#)

[CITATION] Replication Protocol Structures for Fault-Tolerant Remote Procedure ...

K Ravindran, S Pichai, ST Chanson - 1994 - Technical Report TR-93-18, Kansas ...

[Cited by 1](#) - [Related articles](#)

[CITATION] Videotex and Teletext

VK JAIN - Information technology, industry and networks, 1987 - Information Industry Publ

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**[PDF] Key management schemes in multicast environments**

S Dahman, T Yliopisto - 2001 - Citeseer

... In Chapter 6 we draw conclusions and take a look at the futures of multicast **key** management.

1.1 Context of the study ... keytouch.com **Broadcast** Unicast Multicast Anycast ... not necessarily located in every subnet and network bandwidth is very limited in some **parts** of the network. ...

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**[CITATION] Scalable and secure resource location**

R Van Renesse - System Sciences, 2000. Proceedings of the 33rd ... 2000

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**[PDF] ... and Solution Directions for Dynamic Wireless Network Establishment, Key ...**

V Assessment - 2001 - prod.sandia.gov

... as follows: Section 2 addresses dynamic network establishment, Section 3 covers **key** management and ... Since the adversary's repeaters have only increased the **broadcast** range of the mobile ... nodes such as clustering to effectively reduce the amount of **update** traffic required ...

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**[PDF] Operating Instructions**

S START - 2001 - panasonic.com

Page 1. Quick Start Initial Preparation Telephone Fax/Copy Answering Device Multi-Function Center/PC Help General Information Comienzo rápido en español(p.147) Multi-Function Plain Paper FAX Model No. KX-FM280 To get started, please read the Quick Start section ...

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